

Derivatives of Unsaturated Phosphonic Acids. X
Communication 5. Esters of 2-Ethoxy-, 2-Propoxy-,
2-Butoxy-, and 2-Hydroxylvinylphosphonic Acids, by
N. E. Kolobova, A. N. Nemoyanov, 8 pp.
K. N. Anisimov,
Full translation.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 2, Mar/Apr 1955, pp 240-248. CIA D 151364

Consultants Bureau

Scientific - Chemistry 25,952

Change in the Hardness of the Friction Surface
of Cylinders of Engines in the Process of Running-
In, by L. A. Den'yanov, B. A. Kolobovnikov, 9 pp.

RUSSIAN, per, Vest Mash, Vol XXXV, No 12, 1955,
pp 28-29.

Sci Mus Lib No 56/2233

Sci - Engineering

42,832
D.S.I.R. / 7831

Calculation of the Number of Machines Per Operator, by G. Kolobrodov.

RUMSTAN, per, Iz Vysshikh Ucheb Zaved, Tekh Tekstil Prom, No 3, 1959, pp 11-19.

CSIRO 5365

Sed - Engr
Jul 62

207,626

Reduction of End Breaks on Spinning Frames - A
Most Important Condition for Increasing Operating
Efficiency in the Spinning Industry, by
G. L. Kolobrodov, 8 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Tekh Tekstil
Prom, No 5 (18), 1960.

Textile Institute

Sci
24 Jul 62

203,964

New Techniques Demand Changes in the Organisation
of Labour, 3 by G. L. Kolobrodov, 3 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Tekh
Tekstil Prom, No 2(15), 1960.

Textile Institute

Sci

A High-Transmission Spectrometric Set-up for
Investigation of Luminescence, by B. S. Neporent,
V. P. Kolochkov, 4 pp.

RUSSIAN, no per, Iz Ak Nauk, Ser Fiz, Vol XX, No 5,
1956, pp 601-604.

Consultants Bureau

Sci - Physics
Jun 1957

49,107

CIA - CTT

Prevention of Oxygen Corrosion by Means of
Hydrazine, by P. A. Akal'sin, D. A. Danilenko,
B. A. Molodenskyi, M. A. Malakov, I. Kh. Smilovich
5 pp.

RUSSIAN, per, Teploenergetika, Vol IV, 1957,
p 96.

AEC MP 120

Sci --Chem

Oct 58

74,598

Energy Resources of the World, by N. V.
Kolodin, 16 pp. UNCL
No 1,
RUSSIA, par, Iz Ak Nauk Turkmeneskoy SSR, 1959,
pp 9-21.

LNU Tr Bul Sep 59

USSR
Econ
Sep 59
World-Wide

98,700

Variation in Resistance and Thermoelectric Force
of the Alloy Fe₃Pt in Longitudinal and Lateral
Magnetic Fields, by R. G. Ansel'm, M. V. Kolodin.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol LXXXVII, No 2, 1952, pp 195, 196.

Matl Res Lib
TT.447

Scientific - Physics

CTS/DEX

18,750

New Apparatus for Gravimetric Measuring of Petroleum
Products, by V. N. Kolodin.

RUSSIAN, no per, Neft Khoz, Vol XXXIII, No 5, 1955
pp 85-87.

Tech and Comm Tr
2135 Spruce St
Phila 3, PA

Scientific - Engineering, fuels

31,077 Feb 56

Electron Absorption Spectra of Polystyrene and Its
Derivatives, by M. V. Volkenstein, N. S. Molodina, 4 pp.

RUSSIA, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 6, Nov-Dec 1952, pp 1033-1036.

Consultants Bureau

Scientific - Chemistry
Jul CIS/DEX

15,957

The Transformation of Uric Acid Into 8-Methylxanthine
IV. Hydrolysis of 4,5-Bis(Acetamido) Uracil, by
E. S. Golovchinskaya, F. L. Kolodkin, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 5,
1959, pp 1650-1656.

Consultants Bureau

Sci

Jul 60

120,475

Long-Time Strength of Welded XI-75 Steel
Stress Dependent and Stress Linear, by A. A.
Kolodkin, T. A. Kolodkin, 8 pp.
Moscow, pub. ~~Ministry of Defense~~, No. 12, Dec 1964,
pg. 20.

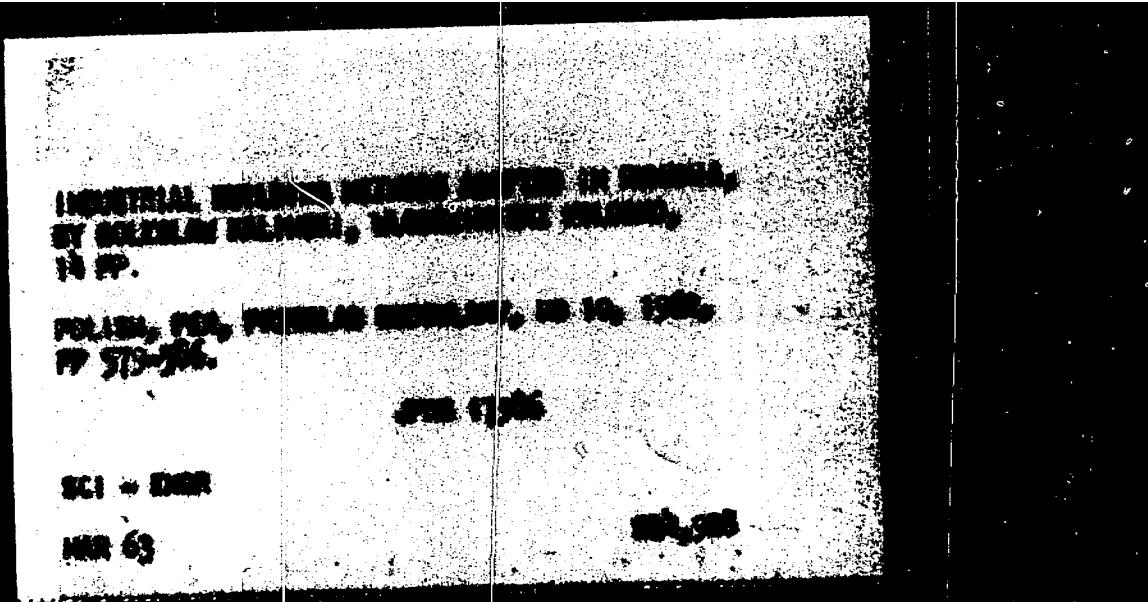
JNIS 2772

Sci. Inst. & Det
Mar 65

p 93

T.A. Kolodkin

276,000



Changes in the Electrical Activity of Muscles During
the Elaboration of Motor Differentiations in Man, by
A. Ya. Kolodnaya, 19 pp.

RUSSIAN, bk, Voprosy Izucheniya Vysshay Neirodinamiki
v Svyazi s Problemami Psichologii, 1957.

OTS 60-21168
PL-480

Sci

Aug 62

PST 209

Electrophysiological Study of the Elaboration of Trace
Rhythrical Reactions in Man, by A. Ya. Kolodnaya, 42 pp.

RUSSIAN, bk, Voprosy Izucheniya Vysshay Neirodinamiki
v Svyazi s Problemami Psichologii, 1957.

OTS 60-21168
PL-480

Sci

Aug 62

PST 209

(FDD 26037)

Disruption of 'Right-Left' Differentiation and the
Role of the Skin-Analyses in Its Regeneration, by
A. Ya. Kolodnaya, 22 pp.

RUSSIAN, irreg publ, Izy Pedagog Nauk RSFSR, No 53
Moscow, 1954, pp 202-228.

33,074

CIA/FDD/U-7897

USSR

Sci - Medicine, neurophysiology

A Method of Assessing Quantitatively the
Liability of Welded Joints to Cold Cracking,
by B. A. Kolodnaya, 5 pp.

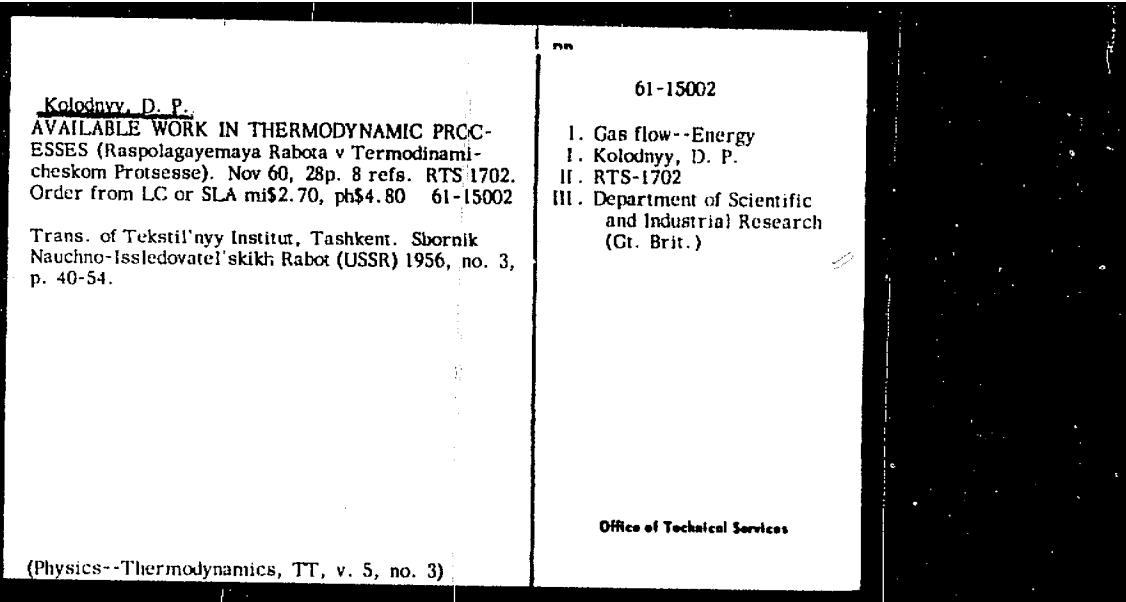
RUSSIAN, par, Svaroch Proiz, No 2, 1960,
pp 12-14.

EWEA

Sci

FEB 61

152, 451



A Report on Soviet Diamond Mining in Yakutia,
by L. Kolodnyy, 5 pp.

RUSSIAN, np, Moskovskaya Pravda, 29 Mar
1966, pp. 3-4.
JPRS 35745

USSR

Econ

Jun 66

301,967

From exhibition into the Workshop,
by L. Golodnov, 5 pp.
USSR, no. Moskovskaya Pravda,
Jan 3, 1963, p 1. 9696365
FD-TB-85-1154

103

Sci - singr
Nov 63

290,145

<p><u>Kolodochka, P. A.</u> THE DEVELOPMENT OF A NEW INTRINSICALLY SAFE REMOTE CONTROL CIRCUIT FOR MINING MACHINES AND MECHANISMS (Razrabotka Novoi Iskrobezopasnoi Skhemy Distantionnogo Upravleniya Shakhtnymi Mashinami i Mekhanizmami). Dec 60 [19]p. 7 refs. RTS 1644. Order from OTS or SLA \$1.60</p>	<p>61-15390 61-15390</p>	<p>I. Kolodochka, P. A. II. RTS-1644 III. Department of Scientific and Industrial Research (Gr. Brit.)</p>
<p>Trans. of Nauchno-Issledovatel'skii Institut po Bezopasnosti Rabot [v] Gornoi [Promyshlennosti]. Trudy (USSR) 1959, v. 9, no. 2, p. 127-141.</p>		<p>2082(12)</p>
<p>DESCRIPTORS: *Mining engineering, Machines, Control systems, *Remote control systems, Design, Automation.</p>		
<p>The principles that make for circuit simplicity, high intrinsic safety and good protective properties are: (Engineering, TT, v. 7, no. 10) (over)</p>		
		<p>Office of Technical Services</p>

Fundamental Safety Conditions for Underground
Quartz-Filled Six Power Transformers, by
P. A. Kolodochka.

RUSSIAN, per, Byull Nauk Nauch Issled Inst,
No 10, 1969, pp 1-5.

NLL Ref. 8513.4 1963 (4,498)
(Loan)

242, 264

Sci - Electrical Engr
Nov 63

The Development of a New Intrinsically Safe Remote Control Circuit for Mining Machines and Mechanisms,
by P. A. Kolodochka.

RUSSIAN, per, Trudy Makeyevka Nauk Issledovaniye
Institute: Voprosy Gornoj Elektromekhaniki,
Vol IX, No 2, 1959, pp 127-141.

DSIR LLU RTS 1644

Sci - f

169,841

Oct 61

Generalizations of the Experimental Data for the
Circulation of Water in Boilers, by G. E.
Kolodovskiy, 35 pp.

RUSSIAN, per, Teploenergetika, No 1, 1959,
pp 3-29. 9079921

AEC Tr-4659

Sci
Aug 61

164, 8 88

Hearth Method of Coal Gasification for Power
Production Purposes, by K. I. Kolodtsev,
I. F. Orel'chenko, 21 p.

Iz
RUESIAN, per, Vsesoyuznyy Teplotekhnicheskiy Inst.
1952, No 8, pp 12-18.

SLA 59-18342

Sci
Feb 60
Vol 2, No 10

108,867

Research on a Highly Rated Gas Producer for Gas
Turbine Plants, by Kh. I. Kolodtsev, I. F.
Orel'chenko. UNCL.

RUSSIAN, pg; Teploenergetika, Vol III, No 11,
1956, pp 37-42. 55-22426

DSIR LIB (loan) N.408

Sci - Fuels; Engr
Aug 59

94, 851

Gasification of Pulverized Coal at High
Intensity in a Bed of Lump Fuel Under
Pressure, by Kh. I. Molodtsev, V. I. Babii.
UNCL

RUSSIAN, per, Teploenergetika, Vol V, No 5,
1958, pp 25-31. 57-25-674

DSIR LIB (loan) N.406

Sci - Fuels
Aug 59

94, 845

Intensive Gasification of Solid Fuel for Gas
Turbine Plants, by Kh. I. Kalotsev, V. I.
Babii. USCL

RUSSIAN, per, Teploenergetika, Vol III, No 9,
1956, pp 18-24. 59-22473

DSIR LRU (loan) #405

Sci - Fuels
Aug 59

94, 844

Dynamics of Gas Formation in a Layer of Carbon,
by Kh. I. Kolodtsev, 24 pp.

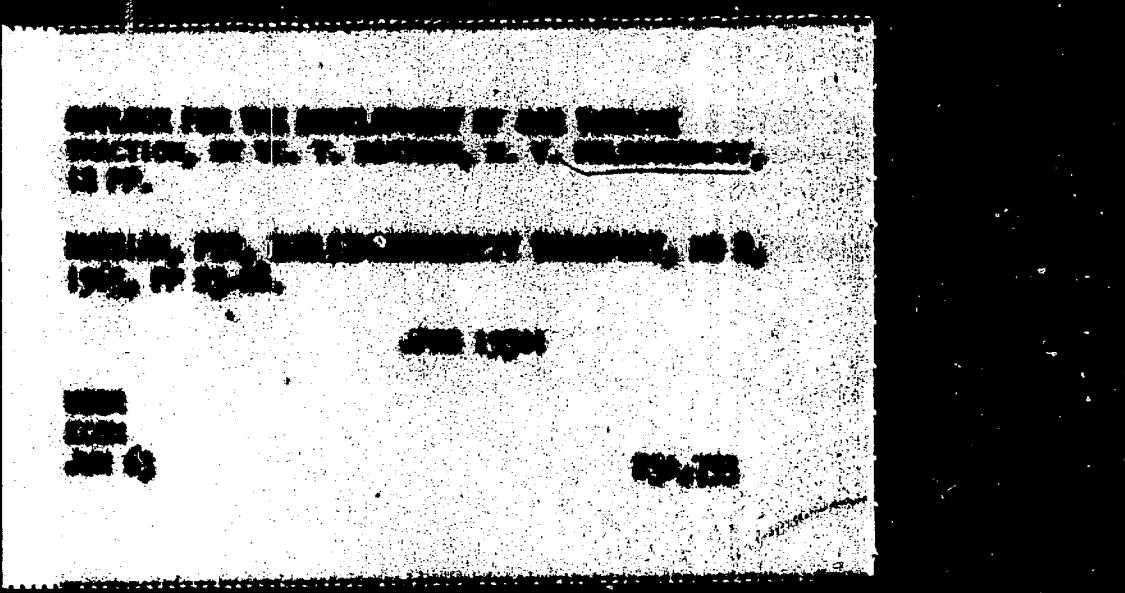
RUSSIAN, no per, Zhur Fiz Khim, Vol XIX, No 9,
1945.

CIA/FDD X 2085

35,646

Sci - Physics
- Chemistry
Jun 56 CTS/dex

THE SECRETARY OF THE STATE
CARTER, J. P.
RUSSIAN, PDR, GREECE, 9 AUG 1968, P 3.
JUL 15810
USER
SOON
NOV 68
215,054



Synthesis of Some Quinoxalyl- and Diquinoxalyldiamines, by Z. Kolodynska, S. Biniecki,
9 pp.

POLISH, per, Acta Poloniae Pharmaceutica,
Vol XX, No 4, 1963.

OTS ~~62-1175~~63-11412/4
PL-480

Sci
Jul 64

264 049
263,049

Analysis of Field Data on the Under-ground
Storage of Natural Gas, by Yu. Kachorovskiy,
V. Kolodzey, 9 p.

RUSSIAN, per, Gazovaya Prom, 1959, Vol IV.
No 1, pp 51-56.

ATS-59L31R

Sci
Feb 60
Vol 2, No 12

107,962

(SI-2310)

Analysis of the Technical Results of
Underground Storage of Natural Gas in Rostoka
Deposits, by J. Kaczorowski, W. Koledziej, 12 pp.
UECI.

RUSIAN, pub, Gas Prom, Vol IV, No 1, Moscow,
1959, pp 51-56.

JPRS 1391-W

Mur - Poland

Econ - Fuels, power

Ayr 59

85, 337

Electricity From Plasma, by Adam Kolodziejczyk,
2 pp.

POLISH. np, Zolnierz Polski, 31 May 1964, p 13.

ACSI I-5384
ID 2204033164

Sci
Dec 64

Variable Content of Volatile Oil and Tannins
During the Vegetational Season of [REDACTED] *Salvia*
Officinalis L., by J. Kolodziejaski, S. Gill, et al,
9 pp.

POLISH, per, *Acta Poloniae Pharmaceutica*, Vol XX,
No 3, 1963.

OTS 63-11412/3
.PL-480

Sci
June [REDACTED] 64

261,564

VTI GAS GENERATOR FOR USE IN GAS TURBINE
PLANTS, BY WIL. L. MCGOWAN,

MOSCOW, RUSSIA, TRANSLATION, VOL VIII, NO 4,
1962, PP 84-90.

DEPT OF INTERIOR
TMI RY7 NO 532

SCI - ENGR

809,600

THE GREAT PROSPECTS OF THE GAS-TURBINE
LOCOMOTIVE, BY N. KOLODYAZHNYY AND YE.
BARTOSH, 5 PP.

RUSSIAN, ~~PUR~~, GUDOK, 9 AUG 1962, P 3.

JPRS 15810

USSR

ECON

NOV 62

215,094

SECRET

(NY-2717).

The Prospects and Main Trends in the Development
of Natural Gas Industry in Poland, by MIKOŁAJ
Włodzimierz Kołodziej, Zbigniew Obuchowicz, Janusz
Girzejowski, 13 pp.

POLISH, par., Gas, Woda i Technika Sanitarna,
Vol XXXIII, No 5, 1979, pp 173-176.

JPRS-1851-II

94,648

Ekon - Poland
Econ - Fuel, power, natural gas
NY Aug 59

INFORMATION ON LINES AT THE DOWNTOWN
PLANT, BY SPYRON VASSILAKIS, T.P.A.

POLLUTION, P.M., PRELIMINARY INFORMATION, VOL. 100,
NO. 51, 10 MAY 1962, PP. 600-611.

1000 1000

SCI - ECR

MAR 63

1000 1000

(SF-1549)

Microcalories and Experiments Measuring the
Chemiluminescence of Ethyl Luciferin, by Karol
Kolodziejczak, 5 pp. OFFICIAL USE ONLY

POLISH, per, Wiedomosci Chemiczne, Vol XIV, No 11 (16:
1960, pp 731-733.

JPRS 4524
COPYRIGHT

150,524

Sci - Chem

May 61

Hormone Therapy of Patients With Well-Advanced
Forms of Breast Cancer, by H. Kolodziejska,
4 pp.

RUSSIAN, per, Voprosy Onkol, Vol V, No 11, 1959,
pp 552-555.

PP

Sci

Sep 60

126, 207

Basic Development Trends of Gdansk Region in 1961-
1980, by Jerzy Kolodziejewski, 10 pp.

POLISH, per, Miasto, No 7, Warsaw, Jul 1962,
pp 9-13.

JPRS 15673

215,432

EE - Poland
Econ

Oct 62

Synthetic Intermediates of the Aromatic Series. II
Decadecane-2,15-dione Synthesis, by V. M. Rodionov,
N. E. Kologivova, E. A. Ogorodnikov, V. N. Belov,
2 pp.

Full translation.

RUSSIAN, no pag., Zhur Obshch Khim, Vol XXIII, No 11,
1953, pp 1828-1829. CIA D 151246

Consultants Bureau

Scientific - Chemistry

Apr 55 CTS 22,616

The Condensation of 1-Heptyne with Chloral,
by N. E. Kologrivova, V. N. Belov, 8 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII,
No 11, 1958, pp 3105-3107.

Consultants Bureau

Sci

Dec 59

103171

New Nutrient Media for Determining the Activity of
Antibiotics, by V. S. Dmitriyeva, V. P. Kologrivova,
4 pp.

RUSSIAN, per, Med Prom SSSR, No 4, 1958, pp 41-43.

AT&T 93K24R

Sci - Medicine
Oct 59
Vol II, No 4

103,225

Oxidation of α,β -Unsaturated Methyl Ketones
With Sodium Hypobromite, by N. E. Kologrivova,
V. N. Belov, 5 pp.

RUSSIAN, per, Zhur Osnch Khim, Vol XXVIII,
No 5, 1958, pp 1269-1273.

Consultants Bureau

Sci - Chem

Jul 59

93, 293

New Nutrient Media for Determining the Activity
of Antibiotics, by V. S. Dmitriyeva, V. P.
Kologrivova, 4 pp.

RUSSIAN, per, Med Prom SSSR, No 4, 1958, pp 41-42.

ATS-93K24R

Sci - Med
Dec 59
Vol 2, No 4

102,839

Rate of Reduction of Silica by Carbon, Carborundum,
Ferrosilicon and Crystalline Silicon - P. V.
Gel'd, A. G. Kologreeva, N. N. Serebrennikov.

Full translation.

RUSSIAN, per, Zhur Prik Khim, No 21, 1948,
pp 1261-1271.

AEC Tr 1208

Scientific - Chemistry

A-3021

Lactones and Lactams. Communication 23. Addition
of Benzenethiol to N-Alkenyl Lactams, by F. P.
Sidel'kovskaya and F. L. Kolokin, p 7

RUSSIAN, per, Iz Ak Nauk USSR, Otdel Khim Nauk,
No 9, 1962, pp 1631 - 1637

CB

340, 316

Sci

Jul 63

74
The Study of the Spectrum of a Detonation Wave
with the SF-75 Spectrograph, by V. N.
Kologrivov and A. A. Anchakov, 10 pp.
RUSSIAN, per, AF 5000. Kologrivov Po Moshchuy
Fotoapparatu i Klichkogorodskii. Upravleniye Naukoj
Prilozhenii, Vol 9, 1964, pp 230-242
FD-31-67-010

Sci-Methods & Equip
July 68

360,673

V.N. Kologrivov

Singing and Drawing in the Eight-Year School,
by N. A. Rimer, V. V. Kalchandikov, 4 pp.

RUSSIAN, per, Soviet Pedagog, No 6, 1959, pp 38-45.

Internat'l Arts and
Sci Press
Vol I, n No 10

USSR

Sov

Sep 99

96, 523

Our Arctic, by B. Kolokolov, 7 pp. Unclassified

RUSSIAN, 3D, Izvestiya, 1, 5, 7, 11 Jun 58.

AF 1187036

Sci - Geofis
USER
Geographic

Nov 58

76, 258

(SF-2285)

INDUSTRY IN POLAND (BRIDGE ACROSS THE WISLA),
BY B. KOLOKOLOV, 4 PP.

RUSSIAN, NP, IZVESTIYA, NO 114, 16 MAY 1962, P 5.

JPRS 14959

EEUR -- POLAND
ECON
AUG 62

209,196

S-432/62

Bridge Across the Trees, by B. Kolokolov,
(SF-2285)

RUSSIAN, np, Izvestiya, 16 May 1962, 5 pp.

*JPRS

USSR
Pol.
~~Sci~~ Biol
16 Jul 62

S-540/60

(DC-4209)

Rocket Departs for the Zenith, by B. Kolokolov,
8 pp.

RUSSIAN, np, Nedelya, No 9, 24-30 Apr 1960,
pp 8, 9.

JPRS 3860

Sci - Geophys

Sep 60

125,512



The Use of a Field-Intensity Instrument for Measuring
the Electric Current of Precipitates, by V. P. Kolo-
klov, D. Ye. Ogorodnov, 10 pp. UNCLASSIFIED

RUSSIAN, irreg per, Trudy Glavnay Geofizicheskoy
Observatorii imeni A. I. Voeyskova, No 58 (120),
Leningrad, 1956, pp 17-22.

US JPRS/DC-L-386

Sci - Geophysics
Jun 58

64,667

Thunderstorm Activity and the Radar Characteristics of a Cloud, by V. P. Kolokolov, 3 pp.

RUSSIAN, Trudy Glavnaya Geofiz Observatoriya,
No 67 (129), 1947, pp 129-130.

5

AT&T-29M38R

Sci
Sep 61

169, 118

Investigating the Distribution of Induced and Free
Electrical Charges on Aircraft Surfaces, by I. M.
Imyanitov, V. P. Kolokolov, 19 pp.

RUSSIAN, per, Trudy Glavnay Geofiz Observ, 1956,
pp 8-16. CIA 657754

ATIC P-18 9891/V

Sci - Geophys

Oct 60

128,341

A STUDY OF POST INFECTION IMMUNITY IN TICK-BORNE ENCEPHALITIS IN CONDITIONS OF ALIMENTARY INFECTION, BY V. V. PODOBINA, T. K. KOLOROLOVA,
PP 7.

RUSSIAN, PER, VOPROSY VIRUSOLOG, VOL VI,
NO 1, 1961.

PP

SCI

FEB 62

183,060

Calculating Ram Turbines With Variable Gas
Parameters on the Radius, by ~~Nikita Kuzmich~~
N. A. Kolokol'tsev, 13 pp.

RUSSIAN, per, Tsentral Aero-Gidrodinamiches
Inst imeni Zukovskogo, Prom Aerodinamika
Osovyye Dozvukovyye Kompressory Statsionarnyj
Tipa, No 20, Moscow, 1961, pp 74-81.
9665192

FTD-TT-62-1750 227, 674

Sci Engr
Apr 63

Utilization of Gamma Radiation in the Study of the
Bubbling Process, by G. G. Bartolomei, Ya. G.
Vinokur, V. A. Kolokol'tsev, V. I. Petukhov,

RUSSIAN, ^{b6} Trudy Vses Nauch Tekhn Konf
Primenen Radioaktiv i Stabil Isotopov i
Izluchenii v Narod Khoz i Nauke, 1957, Vol IV,
1958, pp 8-11.

AEC Tr-4206

Sci - Eng
24 Feb 61

141,050

Concerning the Problem of Serological Diagnosis of
Brucellosis in Cows, by G. A. Kolomakin,
K. V. Ivanova, et al.

RUSSIAN, per, Veterinariya, Vol XXXIX, No 12,
1962, pp 61, 62. 9212622

USDA Tr V-1854

Sci - Biol & Med Sci
Oct 63

240, 055

Preservation of Citrated Blood of Convalescents of
Foot and Mouth Disease, by G. A. Kolozakin, 2 pp.

RUSSIAN, no par, Veterinariya, Vol XXX, No 6,
Jun 1953, p 36.

USDA Tr 318-

USSR

Scientific - Biology

Jan 54 CIS 9145

Cruise of the American Atomic Submarine "Seadragon"
in the Arctic Ocean, by O. V. Kol'man.

RUSSIA, pcc, Okoanologiya, Vol II, No 6, 1962,
pp 1435-1437.

Dept of Interior
AC5 E57 No 48

HA - US
Econ
Jul 63

238,222

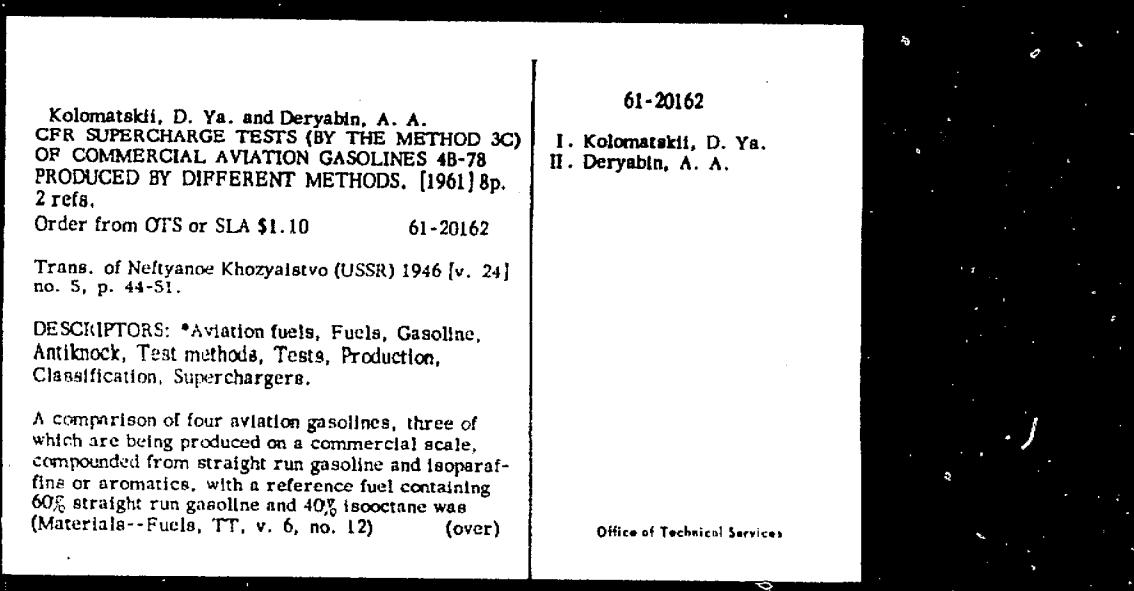
Laboratory Method of Determination of the Stability
of Aviation Oils, by D. Ya. Kolomatskiy,
L. I. Stepansov. 5 pp.

RUSSIAN, per, Neftyanoe Khozyaistvo, Vol 17, No 10
1936, pp 70-71.
OTS TT 61-18021

D. Ya. Kolomatskiy

Sci/Propulsions & Fuels
Jun 67

327,700



(NY-5160)

Development of Ferrous Metallurgy, by Jaromir
Kolomaznik, 6 pp.

CZECH, per, Hospodarske Noviny, Vol IV, No 38,
16 Sep 1960, p 3.

JPRS 7140

Blur - Czechoslovakia
Econ
Dec 60

135,732

(My 5767).
Development of Ferrous Metallurgy, by Jaromir
Kolomaznik,

CZECH, np, Hospodarske Noviny, Vol IV, No 38,
16 Sep 1960, p 3.

*JPRS

EEur - Czechoslovakia

Econ - Manufacturing

17 Oct 60

Dependence on Temperature of Electric Resistivity
of Semiconductive Thermistor Materials, by
Marek Kolomaznik, 11 pp.

CZECH, per, Slaboproudý Obzor, Vol XV, No 3,
1959, pp 180-184.

USASIA H-6631b,

Sov - Electronics

Nov 60

133, 874

Thermoelectric Properties of the Intermetallic Compound MnAl₃, by H. V. Koleniets, E. A. Popova,
4 pp.

RUSSIA, par, Fizika Sverdogo Tela, Vol II,
No 8, 1960, pp 1951-1955.

AIP
Sov Phys-Solid State
Vol II, No 8

141, 855

Sci
Mar 61

Higher Nervous Activity of Adult Rats Subjected to a
Single Prenatal Action of a Small Dose of Ionizing
Radiation. By I. A. Vostkovskiy, F. A. Kolomedzeva,
7 pp.
RUSSIAN, per, Radiobiol, Vol III, No 2, 1963, pp 220-223.
9219348

AEC-Tr-5435

Sci
Mar 64

232,669

Higher Nervous Function in Adult Animals Exposed to Ionizing Radiation Before Birth. Rpt II. Irradiation of 18-Day Rat Embryos, by I. A. Piontsovskiy, I. A. Kolomeitseva, 5 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLVIII, No 12, 1959, pp 25-30.

CB

Sci -
Jul 60

120,973

~~Highly Secretive Analysis of Adm. Etienne's Submission to a
Special Committee Action on a Course of Action in Vietnam
by L. A. Thompson, L. A. Thompson,
7 Feb.
Memorandum, Washington, Vol III, No 2, 1965, pp 220-221.~~

~~AMC-TR-3400~~

~~Set
Mar 64~~

~~200,000~~

On Electrodynamics of a Gyrotropic Medium,
by A. A. Kolomenskiy.
⁹⁰
RUSSIAN, per, Zh Eksperimental'noy i
Teoreticheskoy Fiziki, Vol 24, No 2,
1953, pp 167-176.
NAS/GSFC/ST-EDN-10782-68

A A Kolomenskiy

Sci-Must Sci
May 69

383,145

Autopresistent Acceleration of Particles by
a Plane Electromagnetic Wave, by A. A.
Kolomenskij, A. N. Lebedev.
RUSSIAN, per, Treaty, Moskovskaya Kons., no
Unpublished, pp 1031-1035, 1964
AEC NF-Tr-1268

SLA - TT - 65 - 13606

9229647

96

A. A. Kolomenskij

Sci-Elec
Nov 63

391,955

Energy Loss of a Charge Particle Moving in an
Anisotropic Medium, by A. Kolomenskiy, 6 p.

RUSSIAN, per, Dok Ak Nauk SSSR, 1952, Vol LXXXVI,
No 6, pp 1097-1099.

SLA 59-20485

Sci
Apr 60
Vol III, No 2

113, 608

Determination of Tolerances on the Magnetic Field
Parameters for Accelerators With the Help of
Characteristic Functions, by A. A. Kolomenskiy,
A. P. Fateyev, 5 pp.

RUSSIAN, per, Prib i Tekh Eksper, No 5, 1959,
pp 22-25.

Instru Soc of Amer

Sci
Aug 60

122,259

Steering-Focusing System for Particle Injection
in a Proton Synchrotron, A. A. Kolomanskiy,
A. B. Kharetskoy and N. B. Rubin, App.

by 71

RUSSIAN, Zhur Tekh Fiz, Vol XXIX, No 8, 1953,
pp 981-981.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol IV, No 8

Sci

Feb 60

108963

Doppler Effect in an Electron Plasma in a
Magnetic Field, K. A. Barsukov and A. A.
Kolorenetskiy, 3 pp. lby

RUSSIAN, Zhur Tekh Fiz, Vol XXIX, No 8, 1959,
pp 954-957.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol IV, No 8

Sci

Feb 60

108,958

Cyclic Motion of Charged Particles in an
Electric Field, by A. A. Kolomenskiy, Pong
Soy-Cen, 4 pp.

RUSSIAN, per, Zbir Klassik i Teoret Fiz, Vol
XXXVI, No 1 (9), pp 271-276.

Amer Inst of Phys
Sov Phys - JETP
~~CONFIDENTIAL~~

Aug 59

99,011

Some Properties of Orbits in Accelerators in
Conditions of Similarity, by A. A. Kolomenskiy,
A. N. Lebedev, 2 pp.

RUSSIAN, per, Atom Energ, Vol III, No 1, 1961.

PP

Sci - Nuclear Phys

Mar 61

142,483

Beam Stability in Stacked Orbits, by A. A. Kolomenskiy,
A. N. Lebedev, 1 p.

RUSSIAN, per, Atom Energ, Vol III, No 1, 1961.

PP

Sci - nuclear Phys

Mar 61

142,481

Accelerators With Similar Orbits, by A. N.
Kolomenskiy, 8 pp.

RUSSIAN, per, Atomnaya Energiya, Vol III, No 12,
1957, pp 492-497.

Consultants Bureau

Sci - Physics

Oct 58

74, 476

The 10 Bev Proton-Synchrotron of the Academy of Sciences, USSR, by V. I. Veksler, D. V. Yefremov, A. L. Miuts, M. M. Veisbein, F. A. Bodopyanov, J. A. Gashev, A. I. Zeidits, P. P. Ivanov, A. A. Kolomensky, E. G. Komar, A. F. Malyshev, N. A. Monoszon, I. Kh. Nevyazhsky, V. A. Petukhov, M. S. Rabinovich, S. M. Rubchinsky, K. D. Sinelnikov, A. M. Stolov, ~~etc.~~ 11 pp.

RUSSIAN, bimo per, Atomnaya Energiya, Vol I, No 4,
1956, pp ~~22-30~~ 22-30 45, 18.6

Consultants Bureau
Assoc Tech Sv 84H12R

Sci - Nuclear Physics Mar 57 CTS

The Ring Phasotron, by A. A. Kolomenskiy, et al.

RUSSIAN, per, Pribory i Tekhnika Eksperimenta, No 2,
1956, pp 26-28.

Assoc Tech Sv *TR*
\$1.45

Sci - Physics
Aug 57

51, 545

RJ-789

The Effect of Radiation on the Motion of a Relativistic Electron in a Magnetic Field, by A. A. Kolomenskiy,
A. N. Lebedev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVI,
No 5, pp 807-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 1

51,623

Sci - Phys

Aug 57

Elimination of Critical Energy in Strong-Focusing
Synchrotrons, by A. A. Kolomenskiy, 10 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVI, No 4, Apr
1956, pp 740-748.

Amer Inst of Phys
Soviet Phys-Tech Phys
Vol I, No 4

Sci - Physics
Aug 57

51, 706

A Stochastic Method of Accelerating Particles,
by Ye. L. Burshteyn, V. I. Veksler, A. A.
Kolomenskiy, 6 p.

RUSSIAN, mono, Some Problems in the Theory of
Cyclical Accelerators, 1955, pp 3-6.

SLA 59-17539

Sci
Mar 60
Vol 2, No 11

109658

The Effect of Quantum Fluctuations of Radiation on
Electron Motion in Periodic Magnetic Systems, by
A. A. Kolomenskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVII,
No 3, pp 398-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No. 2

Sci - Phys

51, 654

Aug 57

Theory of Motion in the Microtron, an Accelerator
with Multiple Periodicity, by A. A. Kolomenskiy,
7 pp

RUSSIAN, per, Zhur Tekh Fiz, Vol XXX, No 11,
1960, pp 1347-1354

AIP
Sov Phys - Tech Phys
Vol V, No 11

Sci
May 61

125, 347

Lenin Prize Winners, The World's Largest Accelerator --
The Synchrophasotron, by A. A. Kolomenskiy, M. S.
Rabinovich, 9 pp.

RUSSIAN, per, Priroda, No 8, 1959, pp 57-61.

FDD/X-4002

Sci
Jan 60

Motion of a Charged Particle in an Optically Active Anisotropic Medium. I. by A. G. Sitenko,
A. A. Kolomenskiy, 7 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XXX,
No 3, 1956, pp 511-517.

Amer Inst of Physics
Soviet Physics, JETP
Vol III, No 3

Sci - Physics
Apr 57 CTS

SI-466, 602

On the Theory of Betatron Oscillations of
Particles in Magnetic Systems, by A. A.
Kolomenskiy, 11 pp.

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXVI, No 9,
1956, pp 1969-1977.

Amer Inst of Phys
Soviet Phys-Tech Phys
Vol I, No 9

54,395

Sci - Phys

Oct 57

the Theory of Betatron Oscillations of Particles
in Magnetic Systems. II, by A. A. Kolomenskiy,
15 pp.

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXVI, No 9,
1956, pp 1978-1990.

Amer Inst of Phys
Soviet Phys-Tech Phys
Vol I, No 9

34, 396

Sci - Phys

Oct 57

(FDD 27174)

A New Accelerator for Charged Particles -- The Ring
Phasotron, by A. A. Kolomenskiy, V. Z. Petukhov,
M. S. Rabinovich, 6 pp.

RUSSIAN, monograph, Nekotorye Voprosy Teorii Tsiklicheskikh Ustroiteley, Moscow, 1955, pp 7-12.

CIA/FDD/U-7874

Sci - Physics, atomic energy 32, 586